TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NO. 1034456-000045

		•	U.S. APPLICATION No. (If known)								
•	CONCERNING A SUBMISSI	UN UNDER 35 U.S.C. 37 I	10/586,250								
INTERN	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED								
	PCT/FI2005/000027	19 January 2004									
	FINVENTION NING ARRANGEMENT										
APPLIC	ANT(S) FOR DO/EO/US		•								
Risto K	AJAN	Juho SALO, Osmo PIKKALA, Aki SU									
Applicant	herewith submits to the United States	Designated/Elected Office (DO/EO/US) the foll	owing items and other information:								
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.										
2. 🛛	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.										
3. 🔲	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.										
4. 🔲	The US has been elected (Article 31).										
5. 🔲	A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
	a. is attached hereto (required only if not communicated by the International Bureau).										
	b. has been communicated	by the International Bureau.									
	c. \(\square\) is not required, as the application was filed in the United States Receiving Office (RO/US).										
6. 🔲	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))										
	a. is attached hereto.										
	b. has been previously sub-	mitted under 35 U.S.C. 154(d)(4).									
7. 🔲	Amendments to the claims of the	International Application under PCT Articl	e 19 (35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Bureau).										
	b. have been communicated by the International Bureau.										
	c. have not been made; however, the time limit for making such amendments has NOT expire										
	d. have not been made and										
8. 🔲	An English language translation o	f the amendments to the claims under PC	T Article 19 (35 U.S.C. 371(c)(3)).								
9. 🛛	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10. 🔲	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).										
Item	s 11 to 20 below concern document(s	s) or information included:									
11. 🔲	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
12. 🗌	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13. 🔲	A preliminary amendment.										
14. 🔲	An Application Data Sheet under 37 CFR 1.76.										
15. 🔲	A substitute specification.										
16. 🔲	A power of attorney and/or change of address letter.										
17. 🔲	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.										
18. 🔲	A second copy of the published International Application under 35 U.S.C. 154(d)(4).										
19. 🔲	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).										
20. 🛛	Other items or information: Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US)										

U.S. API	S. APPLICATION NO. (If known) INTERNATIONAL APPLICATION NO. 10/586,250 PCT/FI2005/000027					ATTORNEY'S DOCKET NO. 1034456-000045				
The follo	The following fees have been submitted:						CALCU	ILATIONS	PTO USE ON	
21.							\$	0	, , , , , , , , , , , , , , , , , , , ,	
22.							-			
	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 210							\$	0	
23.								-		
	If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1640) \$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority (1641) \$ 100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 410									
	All other situations (1632) \$ 510 TOTAL OF 21, 22 AND 23 =						\$	0		
				s and drawings file	led in nane	over 100 ch	eets	\$	0	
Total She	Additional fee for specifications and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$ 260 (1681) for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction thereof (round up to a whole number) RATE									
0	-100 = 0	/50 =	0	round up to a whole no		x \$ 260			0	
⊠ Surch	arge of \$ 13	0 (1617) for	furnishing	any of the search fe	e, examinat	on fee, or the	oath or	\$		
decla		ne date of co	ommencen	nent of the national s	stage (37 CF	R 1.492(h)).		\$	130	
	CLAIMS NUMBER FILED NUMBER EXTRA RATE									
Total clai		20	- 20 =	0		50 (1615)	_	\$	0	
	dependent Claims 1 - 3 = 0			x \$ 210 (1614)			\$	0		
	TIPLE DEPENDENT CLAIM(S) (if applicable) + \$ 370 (1616) AL OF ABOVE CALCULATIONS =							\$	0	
								\$	130	
	Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2								0	
SUBTOT								\$	130	
	ng fee of \$ 10 laimed priorit			g the English transla (i)).	ation later tha	n 30 months f	rom the		0	
	NATIONAL F			<i>C//</i> -				\$	130	
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied									
			CFR 3.28	3, 3.31).\$ 40 per prop	perty		+		0	
	TOTAL FEES ENCLOSED =							\$	130	
	008 GFREY1 00000071 024800 10586250 Amount									\$
1617	130.00 DA						Amoun	t to be	charged:	\$
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Alexandr 703 836	ia, VA 2231 6620	2008			Pat Nam	rick C. Kean	<u> </u>			32,858



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandra, Viginia 22313-1450
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 U.S. APPLICATION NUMBER NO.
 FIRST NAMED APPLICANT
 ATTY. DOCKET NO.

 10/586,250
 Harri Mattlar
 1034456-000045

21839 BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404 INTERNATIONAL APPLICATION NO.

PCT/FI05/00027

1.A. FILING DATE PRIORITY DATE

01/18/2005 01/19/2004

CONFIRMATION NO. 1817 371 FORMALITIES LETTER

Date Mailed: 02/20/2008

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Priority Document
- Copy of the International Application filed on 07/17/2006
- · Copy of the International Search Report filed on 07/17/2006
- Preliminary Amendments filed on 07/17/2006
- Information Disclosure Statements filed on 07/17/2006
- U.S. Basic National Fees filed on 07/17/2006
- Priority Documents filed on 07/17/2006
- Specification filed on 07/17/2006
- Claims filed on 07/17/2006
- · Abstracts filed on 07/17/2006
- Drawings filed on 07/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

page 1 of 2

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FORM PCT/DO/EO/905 (371 Formalities Notice)

Missing Part Sue: 4/20/08

rea 4. 2008

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/Authenticate/SerLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205